KENWOOD

UD COMPONENT SYSTEM/COMPACT HI-FI SYSTEM

UD-205

INSTRUCTION MANUAL

KENWOOD CORPORATION

KENW-04666

COMPACT disc DIGITAL AUDIO

B60-2678-08 (K, P, X, T) ID

TINSE 0099 AWZZ

Before applying power

⚠ *Caution : Read this page carefully to ensure safe operation.*

UD-205 (En)

Units are designed for operation as follows.

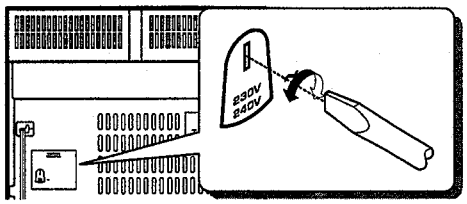
U.S.A. and Canada ..... AC 120 V only
Europe and U.K. ..... AC 230 V only
Australia ..... AC 110 / 127 / 220 / 230-240 V switchable

For Australia

AC voltage selection

The AC voltage selector switch on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sure that the setting position of this switch matches your line voltage. If not, it must be set to your voltage in accordance with the following direction.

AC voltage selector switch



Rotate switch to match your line voltage with a screwdriver.

Note:
Our warranty does not cover damage caused by excessive line voltage due to improper setting of the AC voltage selector switch.

For the United Kingdom

Factory fitted moulded mains plug

1. The mains plug contains a fuse. For replacement, use only a 3-Amp ASTA-approved (BS1362) fuse.
2. The fuse cover must be refitted when replacing the fuse in the moulded plug.
3. Do not cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or adapter, or consult your dealer.
   If nonetheless the mains plug is cut off, remove the fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply.

IMPORTANT: The wires in the mains lead are coloured in accordance with the following code:

Blue : Neutral
Brown : Live

Do not connect those leads to the earth terminal of a three-pin plug.

Safety precautions

WARNING : TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

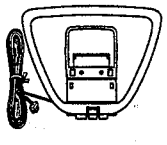
CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
	THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.
	THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.

Unpacking

Unpack the unit carefully and make sure that all accessories are put aside so they will not be lost.
Examine the unit for any possibility of shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.
We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.

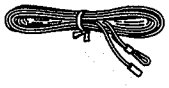
Accessories

AM loop antenna (1)



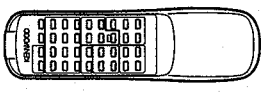
FM indoor antenna (1)

For U.S.A., Canada and Australia

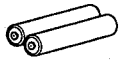


For U.K.

Remote control unit (1)



Batteries (R6/AA) (2)



Special features

Color keyed function control

Almost all operations for CD, tuner, and cassette deck can be done just with the self-illuminated basic operation keys.

CD synchronized recording →20

Only desired tracks from a disc or an entire disc can be recorded on tape with a one-touch operation. This feature allows you to produce custom tapes.

Versatile tone adjustment →21

The tone can be selected according to the genre of the music played: ROCK, JAZZ, POPS.

Convenient timer functions →23

The two following functions can be used.

Record and playback timer	: After the timer is ON various sound levels can be changed gradually.
Sleep timer	: Useful when you want to go asleep while listening to music.

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System connection

Do not plug the power cord into the power outlet until all of the required connections have been made.

- In case an associated system component is connected, also read the instruction manual of the component.

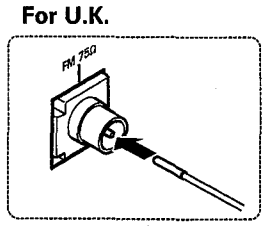
Insert the core of the wire in the receptacle and secure it at the location where the optimal reception condition can be obtained.

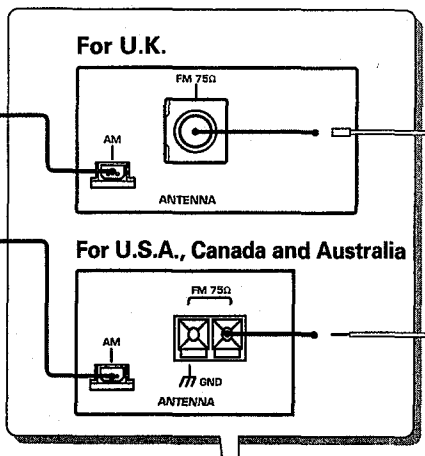
AM loop antenna (accessory)

The AM loop antenna must be placed in the optimal reception direction and separated from the main unit, television, speaker cords and power cord.

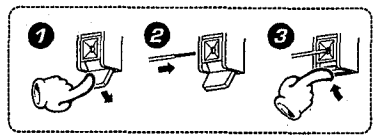
FM indoor antenna (accessory)

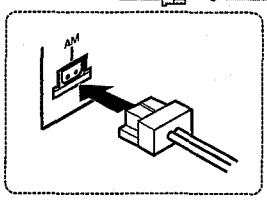
For U.K.





For U.S.A., Canada and Australia



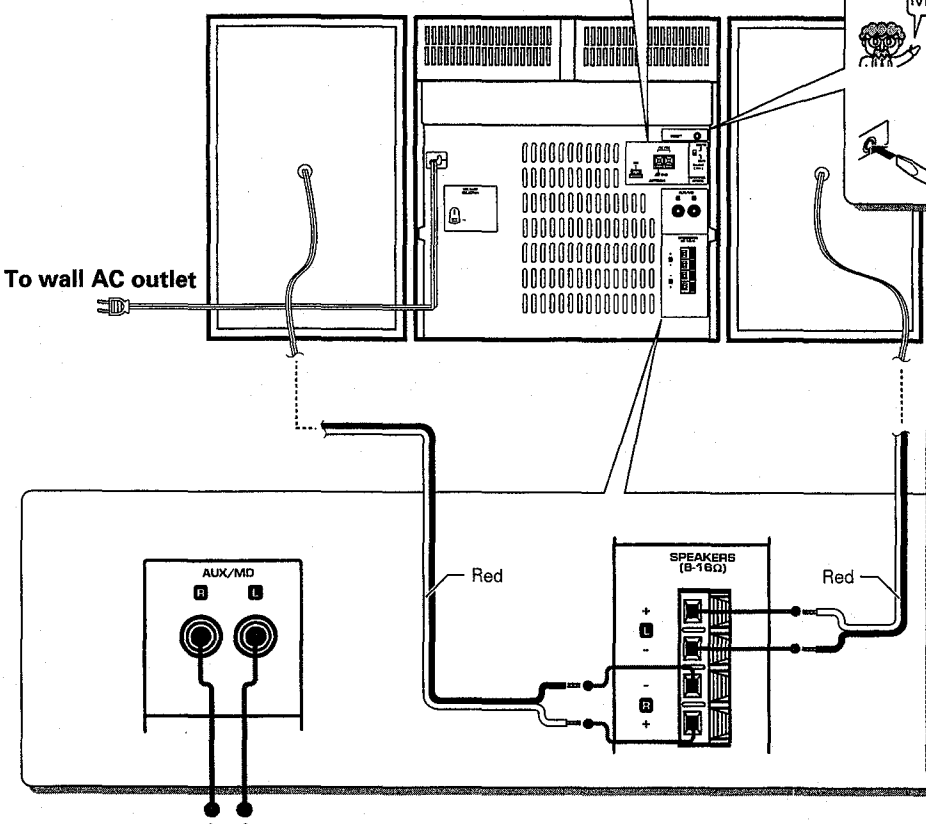


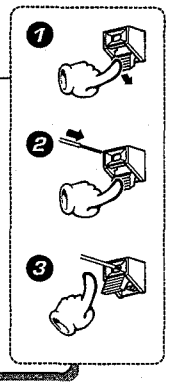
Malfunction of microcomputer

If operation is not possible or erroneous display appears even though all connections have been made properly, reset the microcomputer referring to "In case of difficulty".

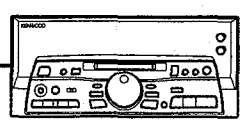
→28

To wall AC outlet

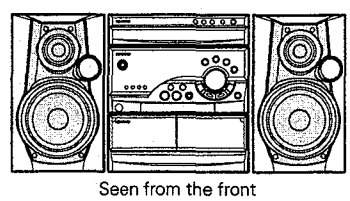




- *Never short-circuit the + and – speaker cords.*
- If the left and right speaker connections or the + and – polarity are inverted, the sound will be unnatural with unclear positioning of musical instruments, etc. Be sure to connect them without mistake.



MD recorder, etc. (optional)



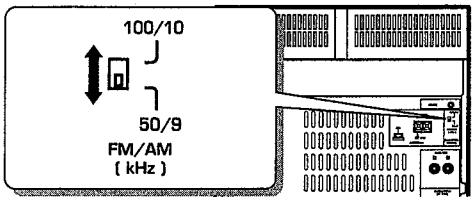
Seen from the front

Notes

1. Be sure to insert all connection cords securely. If their connections are imperfect, the sound may not produced or noise may interfere.
2. Before plugging or unplugging a connection cord, be sure to unplug the power cord from the wall AC outlet, if connection cords are plugged or unplugged with the power cord left plugged in, malfunction or damage may result.

CHANNEL SPACE switch
(Except for U.S.A., Canada, U.K. and Europe)

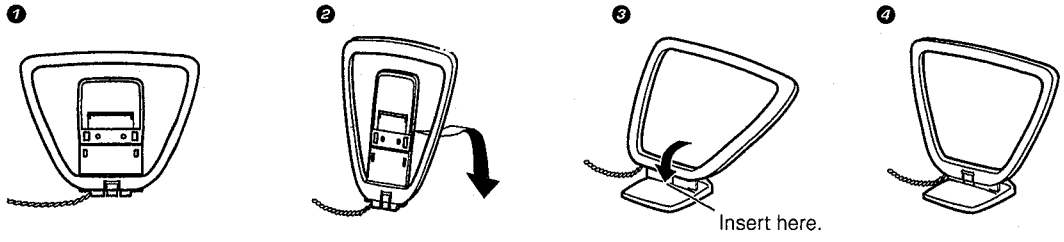
The CHANNEL SPACE switch on the rear panel is set to the correct setting that prevails in the area to which the unit is shipped. However, if the CHANNEL SPACE setting is not matched to the area where the unit is to be used; for instance, when you move from area 1 to area 2 or vice versa, desired reception of AM/FM broadcasts is not expected. In this case, change the CHANNEL SPACE setting in accordance with the area corresponding to the table.



	Area	CHANNEL SPACE freq.
1	U.S.A., Canada, and South American countries	FM: 100 kHz AM: 10 kHz
2	Other countries	FM: 50 kHz AM: 9 kHz

- When changing the setting of the CHANNEL SPACE switch, first disconnect the power cord, then reset the channel space switch, connect the power cord again, and turn the power on.

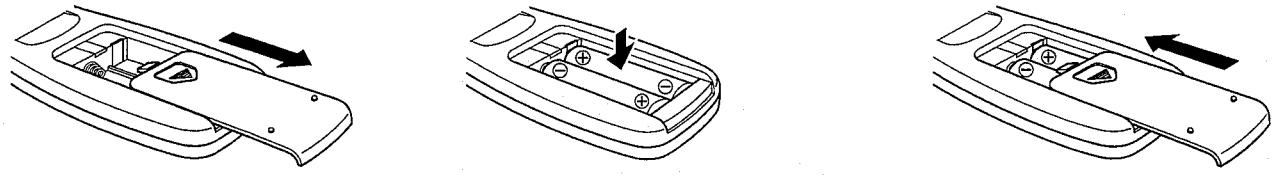
AM loop antenna assembly



Operation of remote control unit

Loading batteries

❶ Remove the cover. **❷ Insert batteries.** **❸ Close the cover.**

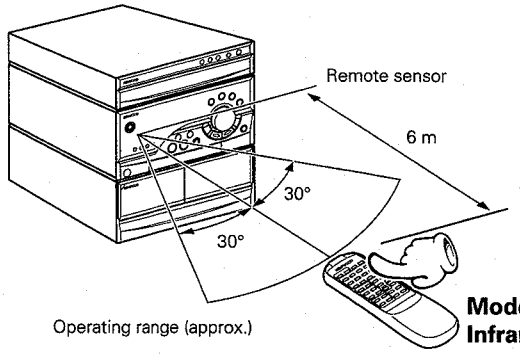


- Insert two R6 ("AA"-size) batteries following the polarity indications.

Operation

After plugging the power cord of this unit, press the POWER key of the remote control unit to turn the power of the system ON. When the power is turned ON, press the key of the function to be operated.

- When pressing more than one remote control keys successively, press the keys securely by leaving an interval of 1 second or more between keys.

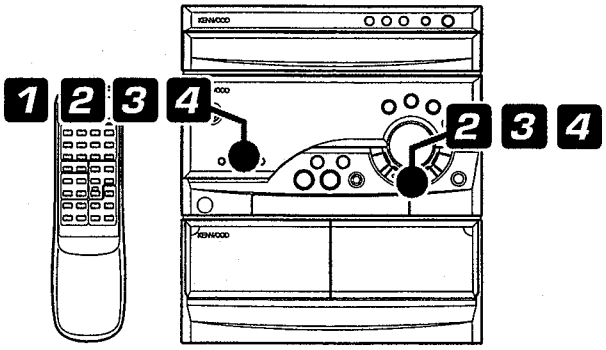


Model: RC-G2
Infrared ray system

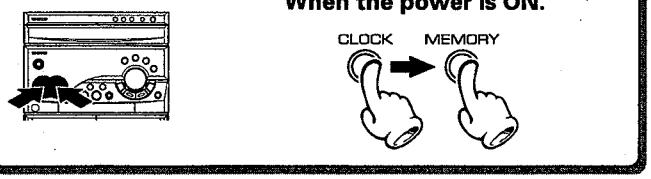
Notes
1. The provided batteries are intended for use in operation checking, and their service life may be short.
2. When the remote controllable distance becomes short, replace both of the batteries with new ones.
3. If direct sunlight or the light of a high-frequency fluorescent lamp (inverter type, etc.) is incident to the remote sensor, malfunction may occur. In such a case, change the installation position to avoid malfunction.

Clock adjustment

This unit incorporates a clock function. Be sure to adjust the correct time before using the timer function.



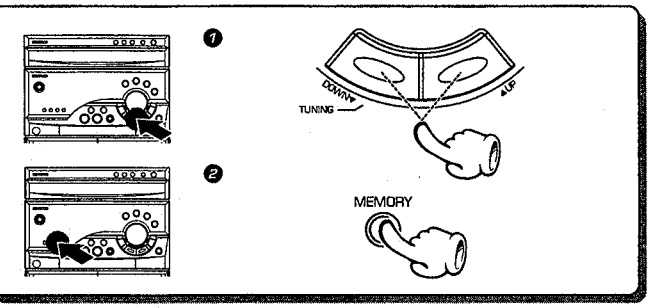
1 Activate the clock adjustment mode.



Example: Adjustment to 8:45 (This is an example of the display setting when the power is turned OFF.)

Press the **CLOCK** key when the power is ON. Next, press the **MEMORY** key within five seconds.

2 Select the time display.

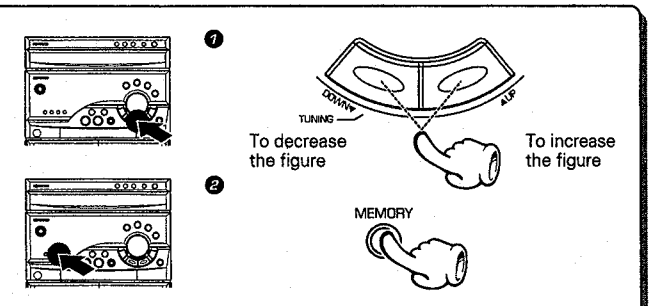


The time format changes each time the TUNING key is pressed.

- ① **24-hour time display**
- ② **12-hour display 1 (0:00 AM, 0:00 PM time display)**
- ③ **12-hour display 2 (12:00 AM, 12:00 PM time display)**

Once the time format has been set, the set contents are held and can not be changed. If you want to change the time format again, execute resetting and then set again from step 1. →28

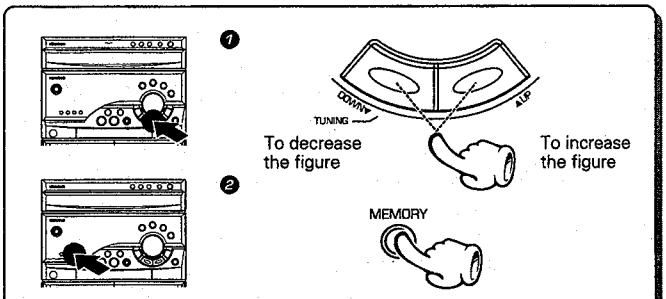
3 Enter the figure of hour.



This is an example of a 12-hour display.

- When the 12-hour display is set, press the **MEMORY** key to set the hour and AM or PM setting. The minute display will start flashing.
- When the 24-hour display is set, press the **MEMORY** key, set the hour and the minute display will start to flash. The **AM**, **PM** display does not light.

4 Enter the figure of minute.

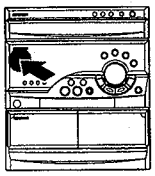


- If you make a mistake, restart from the beginning.
- To adjust correct time, press the **MEMORY** key at the same moment as a time announcement.
- The time display blinks after a power failure or when the power cord has been unplugged from the AC outlet and plugged again. In such a case, adjust the clock again.

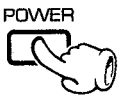
Sound adjustment functions

Power ON / OFF

Press the POWER key.



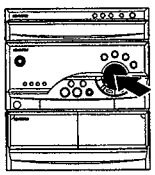
Receiver unit

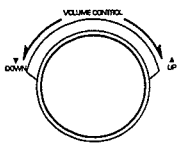


Remote control unit

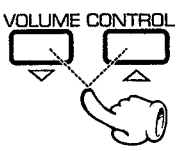
- The power also becomes ON when the **SLEEP** key is pressed.

Volume adjustment





Receiver unit



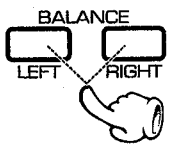
Remote control unit

- The display shows a reference value.

Adjust the sound level balance.

Remote control unit only

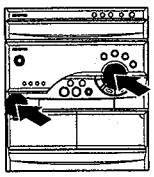
The right side sound is lowered.



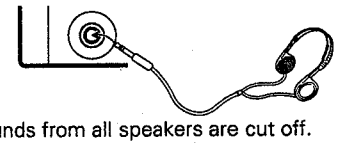
The left side sound is lowered.

Display of sound that is the same level on each side.

Listening through headphones



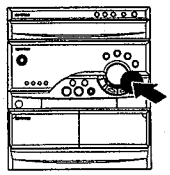
❶ Use headphones equipped with a mini-plug and insert the plug into the phones (🎧) jack.

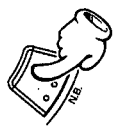


- The sounds from all speakers are cut off.

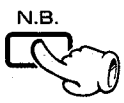
❷ Adjust the volume.

Bass compensation (N.B.: Natural Bass circuit)





Receiver unit



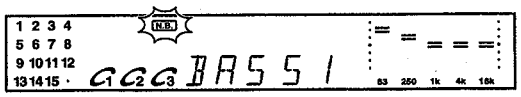
Remote control unit

When this key is pressed the setting changes as follows.

① BASS 1 **(The low range is stressed.)**
② BASS2 **(The effect is stronger than with BASS1.)**
③ **Input display (N.B. is canceled.)**

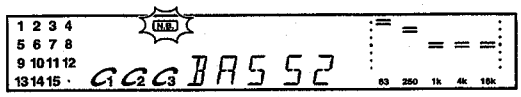
BASS1 display

Lights



BASS2 display

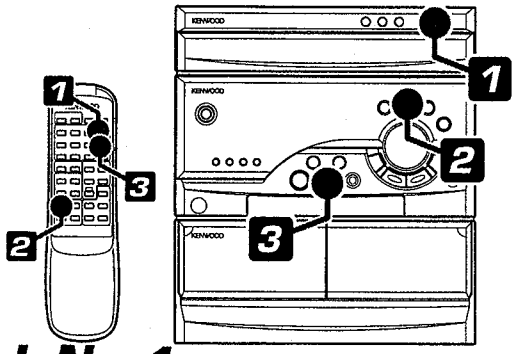
Lights



STANDBY mode of POWER switch

As long as the plug of the power cable of this unit is connected to a receptacle, independent of power ON/OFF, the time display is lit. The reason for this is that a small current is kept flowing for memory protection. This is called standby condition. As long as the time display is lit, power ON/OFF also can be done by remote control.

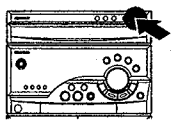
Playback of CD



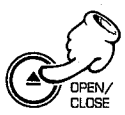
Playing tracks in order from track No. 1

Use the following procedure to play a CD in the original order of tracks from track No. 1.

1 Load discs.

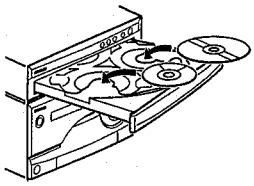


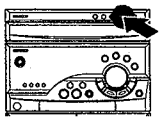
❶ **Open the tray.**



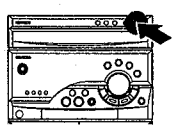
❷ **Place discs.**

With the label side up.





❸ **Select the disc to be played.**

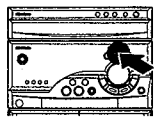


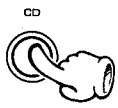
❹ **Close the tray.**

- Do not touch the played side of disc.
- Rotate the tray with the **DISC SKIP** key to insert the third disc.

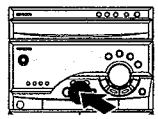
- The tray of the disc to be played should come to the left position when the unit is seen from the front.

2 Switch the input to CD.

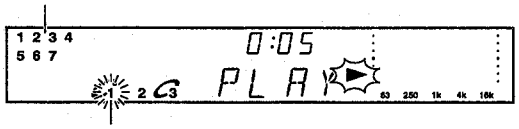




3 Start playback.



The recorded track Nos. are shown.

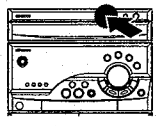


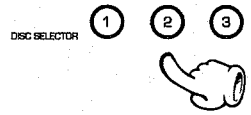
The selected disc is indicated.

- After a few seconds, play starts from track No.1.

Listening to a different disc

Select the disc number to be played.

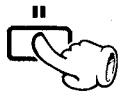




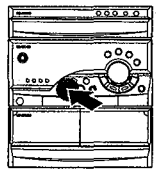
- The disc can also be selected with the **DISC SKIP** key.

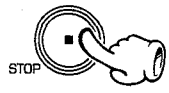
To pause playback

Remote control unit only



To stop playback



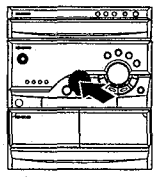


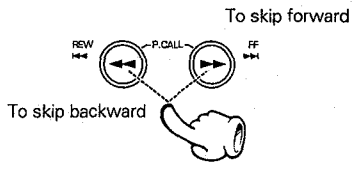
Playback from desired track

Preparation

- Select the "**CD**" input.
- Load discs in the CD player.

Skipping tracks

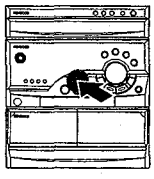


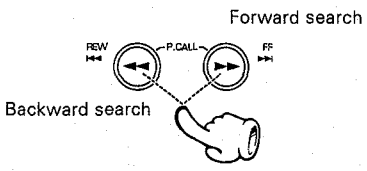


Press during playback

- The track in the direction of the key pressed is skipped, and the selected track will be played from the beginning.
- When the ⏮ key is pressed once during playback, the track being played will be played from the beginning.

Searching





Continue pressing during playback

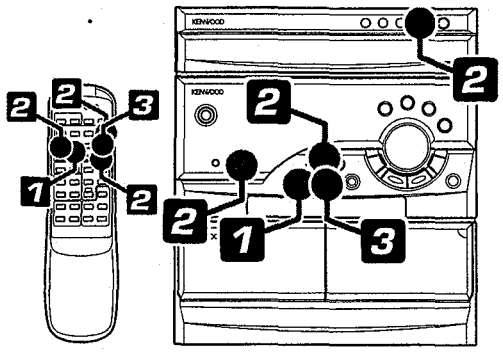
- Playback starts from the position where the key is released.
- If fast forward is performed until the end of the disc, "End" is displayed and the CD player stops.

Programming tracks in desired order

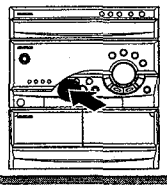
10

Preparation

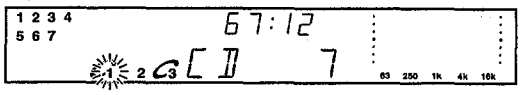
- Select the "**CD**" input.
- Load discs in the CD player.



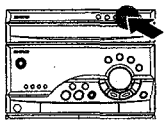
1 Check that the CD player is in the stop mode.



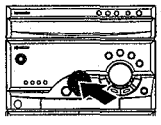
If it is in play mode



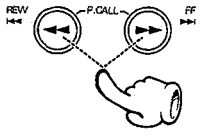
2 Enter track Nos. in the order you want to play them.

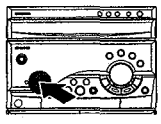


❶ Select the disc.

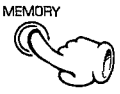


❷ Select the track.





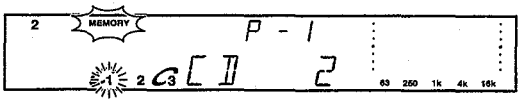
❸ Press the MEMORY key.

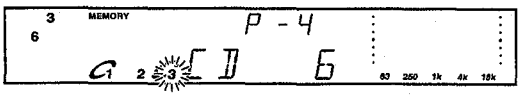


- Repeat steps ❶ to ❸ to program the selections in the desired listening order.

- The disc can also be selected with the **DISC SELECTOR** key.
- Up to 32 tracks can be programmed. When "*End*" is displayed, no more tracks can be programmed.
- If you make a mistake, press the **CLEAR** key to quit the program mode and restart from step ❶ .

Lights



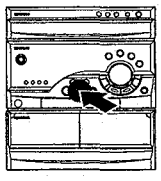


To add a track to the program

Repeat steps ❶ to ❸ to add a selection to the program.

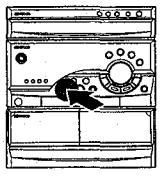
- When a track No. is entered, the track will be added to the end of the existing program.

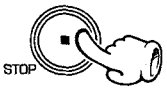
3 Start playback.



- Tracks will be played in the order they were programmed (in order of P Nos.).
- When the ⏮ or the ⏭ key is pressed during play, the program will jump to the preceding or the following track respectively.
- When the ⏮ key is pressed once during playback, the play position returns to the beginning of the current track being played.

To stop playback

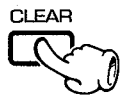




To delete a section

Remote control unit only

CLEAR



Press during stop mode.

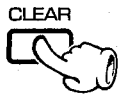
- Each time the **CLEAR** key is pressed, the final selection at the end of the program is deleted.

To quit the program mode

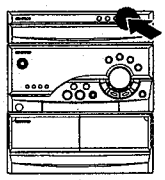
Press only the number of times that *corresponds to the number of the* programmed selection.

Remote control unit only

CLEAR

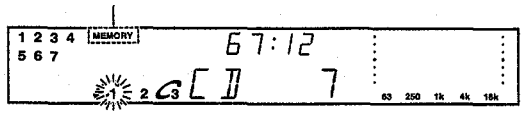


Press during stop mode.



Open the tray.

Goes off



Repeated playback

Preparation

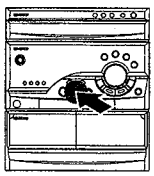
- Select the "**CD**" input.
- Load discs in the CD player.

To repeat all discs

❶ Confirm that the "MEMORY" indicator is not lit.

When the "**MEMORY**" indicator is lit during stop mode, press the **CLEAR** key to turn it off.

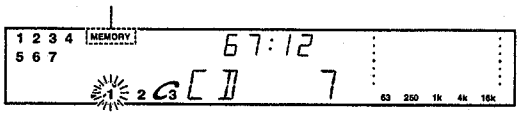
Remote control unit only



❷ Start the playback.

❸ Press the ► key one more time.

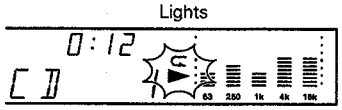
Confirm that this is not lit.



Each press of the ► key switches the modes as follows.

① **PLAY (Repeat off)**
② **REPEAT**

Lights

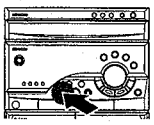


To stop repeated playback

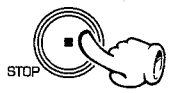
Press the ► key one more time.

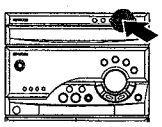
- The "⊏" display goes off and the repeat function is canceled.

To repeat only the programmed tracks

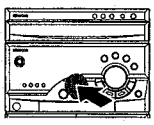


❶ Check that the CD player is in the stop mode.

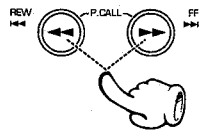


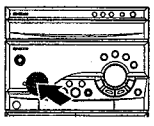


❷ Select the disc.

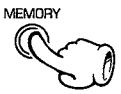


❸ Select the track.

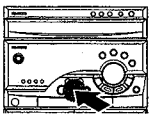




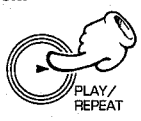
❹ Press the MEMORY key.



- Repeat steps ❷ to ❹ to program the selections in the desired listening order.

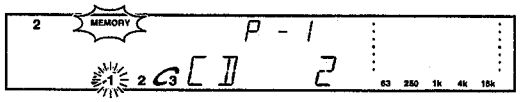


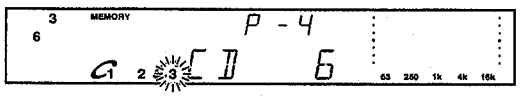
❺ Start playback.



❻ Press the ► key one more time.

Lights





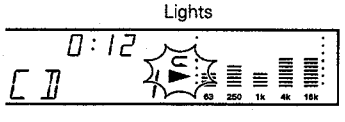
- The disc can also be selected with the **DISC SELECTOR** key.
- All of the programmed tracks will be played repeatedly.
- Up to 32 tracks can be programmed by repeating steps ❷ to ❹.
  When "*End*" is displayed, no more tracks can be programmed.
- If you make a mistake, press the **CLEAR** key to quit the program mode and restart from step ❷.

To repeat one track, program just one track.

Each press of the ► key switches the modes as follows.

① **PLAY (Repeat off)**
② **REPEAT**

Lights



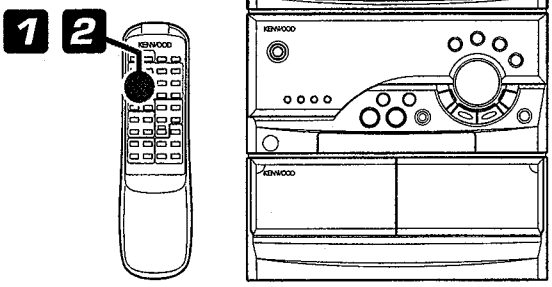
To stop repeated playback

Press the ► key one more time.

- The "⊏" display goes off and the repeat function is canceled.

Playback in a random order (Random playback)

As tracks are selected at random, you can enjoy listening to for a long time.



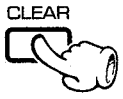
Preparation

- Select the "**CD**" input.
- Load discs in the CD player.

1 Confirm that the "MEMORY" indicator is not lit.

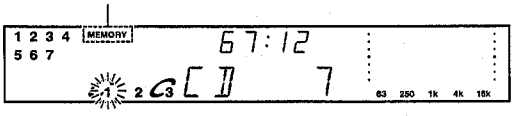
If the "MEMORY" indicator is lit, press the CLEAR key to turn it off.

Remote control unit only



Press during stop mode.

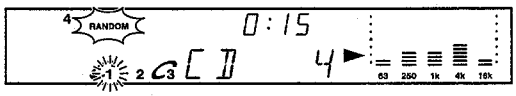
Confirm that this is not lit.



2 Select the RANDOM mode.

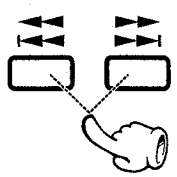
Remote control unit only

Lights



- Random playback continues until the ■ key is pressed or the power of the main unit is switched OFF.
- Each time the playback of a track ends, a random selection is chosen from all the track on the disc so it is possible that the same track will be played again consecutively.

To select another track in the middle of playing one



Press during playback

- Pressing the ⏮ key once returns to the beginning of the track being played.

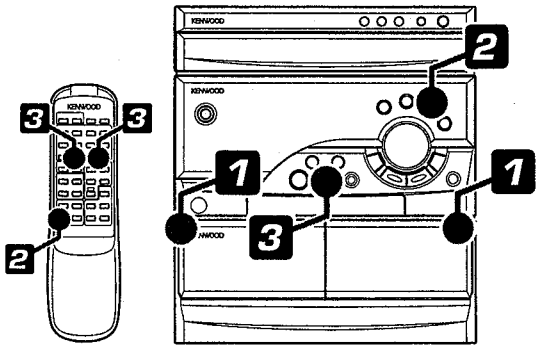
To cancel random playback

Press so that the "RANDOM" indicator goes off.

- The "**RANDOM**" indicator goes off and the playback in order of the tracks starts from the track being played.

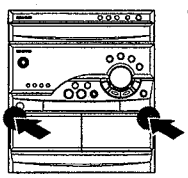
Playback of tape

The B deck is used for normal playback and recording.

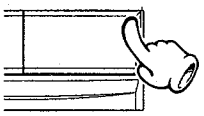


Tape playback

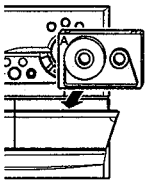
1 Load a cassette tape.



❶ Open the door.

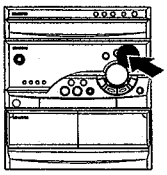


❷ Insert a tape and close the door.



- The type of tape, that is, Type I (Normal), Type II (CrO_2), or Type IV (Metal), is set automatically.
- Remove tape slack before loading.
- Close the door securely.

2 Select the deck to be used for playback.

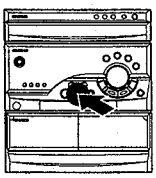


The selected deck is displayed.

The deck selection switches each time the key is pressed.

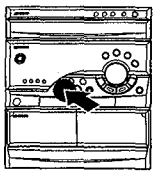
① ATAPE **(TAPE A)**
② BTAPE **(TAPE B)**

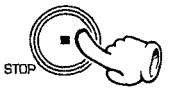
3 Start playback.



- The tape stops automatically after playback to the end of one side.

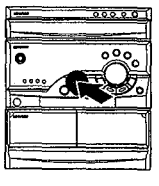
To stop playback





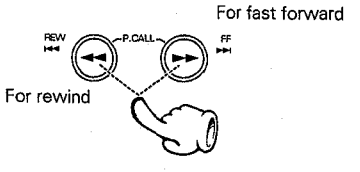
● Do not open the door until the tape has stopped completely.

To wind tape at high speed (B deck only)



❶ **Load a tape in the B deck.**

❷

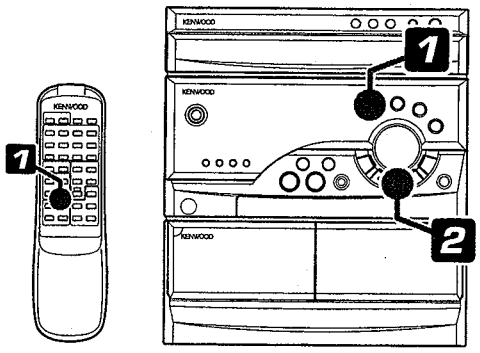


The A deck cannot perform the fast forward or rewind operation.

● Press the ■ key to stop fast forward or rewind.

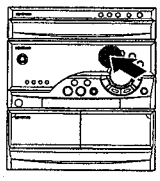
Broadcast reception

It is also possible to receive broadcasts by storing up to 40 stations in the preset memory.



Receiving a broadcast station

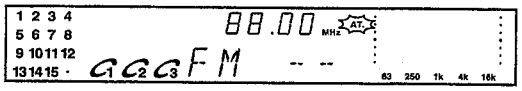
1 Select the broadcast band.



Each press alternates the mode.

① **AT.** lights / **FM** display (auto-stereo selection)
② **AT.** goes off / **FM** display (monaural selection)
③ **AT.** goes off / **AM** display (monaural selection)

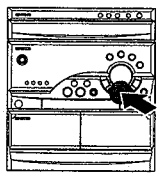
Lights when auto-stereo is set.

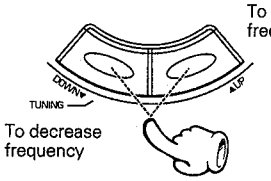


- Normally set the unit to **AT.** (auto-stereo selection) for FM reception.

Use the manual tuning mode when reception is noisy due to weak reception. (In the manual mode, stereo broadcasts are received in monaural.)

2 Select a station.

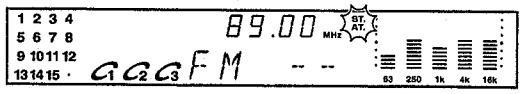




To set the auto-selection, press the key more than 0.5 seconds before releasing it.

Frequency display

Lights during stereo reception.

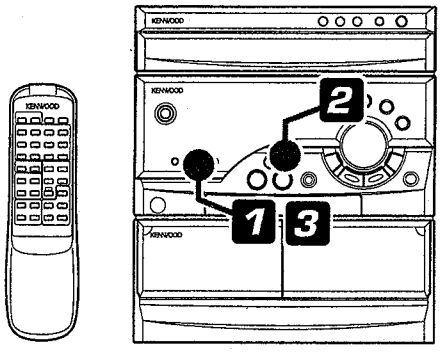


Auto tuning : Each press receives the next station.
Manual tuning : Press the key repeatedly or hold it depressed until a station is received.

Storing radio stations in memory (Station preset)

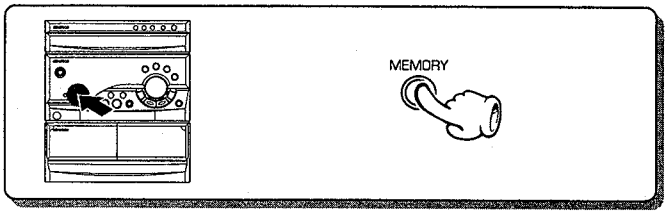
Preparation

- Receive a station to be stored in preset memory. → 16

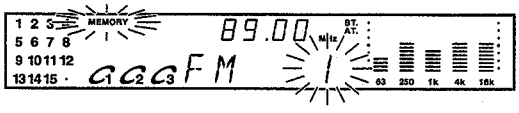


Up to 40 FM or AM broadcast stations can be stored in the desired order.

1 Press the MEMORY key during reception.



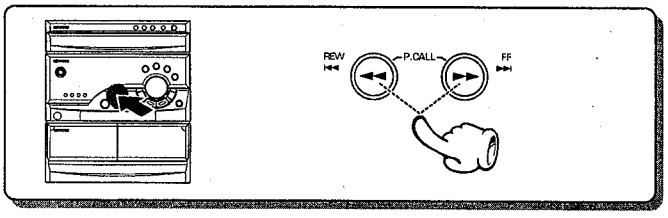
Blinks (for approx. 30 sec.)



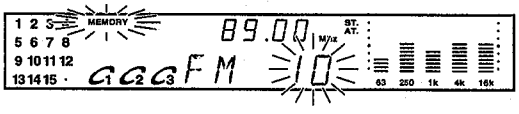
Go to step 2 within 30 sec.

If more than 30 seconds have elapsed, press the **MEMORY** key again.

2 Select one of the preset numbers from 1 to 40.



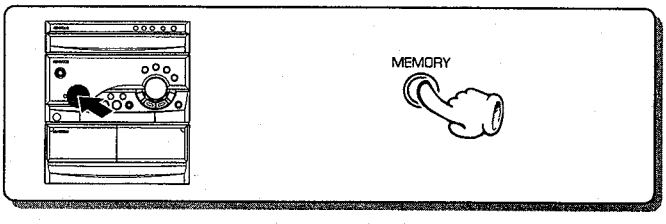
Blinks (for approx. 30 sec.)



Go to step 3 within 30 sec.

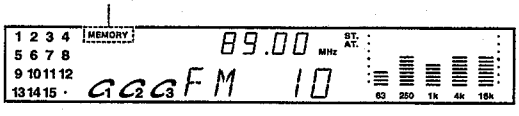
If more than 30 seconds have elapsed, restart the procedure from step 1.

3 Press the MEMORY key again.



- Repeat steps 1 2 3 to preset other stations.
- If several stations are preset under the same number, the previous memory is replaced with the latest memory contents.

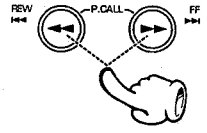
Goes off



Receiving a preset station

1 Set to TUNER mode.

2 Select the radio station.



- Every time the **P.CALL** key is pressed, the preset stations are switched over as follows.

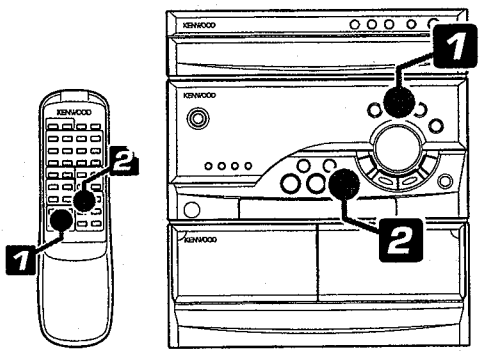
When radio stations are stored at the numbers 1, 20, and 40:
Press ▶▶| for the order of ... 1 → 20 → 40 → 1 ...
Press |◀◀ for the order of ... 1 → 40 → 20 → 1 ...

When no station is stored, a station cannot be called by pressing the P.CALL key.

If the **P.CALL** key is pressed continuously more than 0.5 seconds, the recorded stations change automatically every 5 seconds. To stop at the desired station, press the **P.CALL** key one more time.

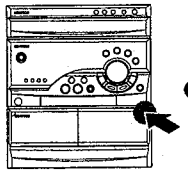
Recording (B deck only)

Note that this cassette deck cannot record onto Type IV (Metal) tapes.

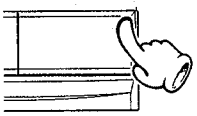


Preparation for recording

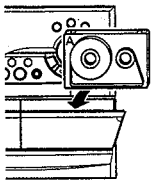
Load a tape in B deck.



❶ **Open the door of B deck.**



❷ **Insert a tape.**

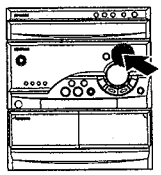


❸ **Close the door.**

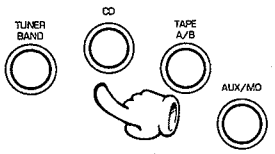
- The setting for Type I (Normal), or Type II (CrO_2) is performed automatically.
- Remove tape slack before loading.

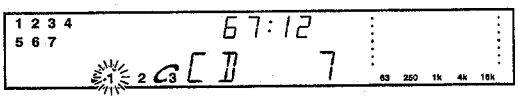
Recording (B deck only)

1 Select the source to be recorded.



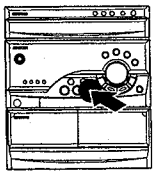
Select an input source other than "**TAPE**".





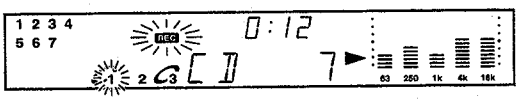
The input source component to be recorded should be displayed.

2 Start recording.



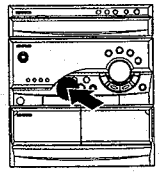
❶ **Play (or tune) the input source to be recorded.**
❷ **Start recording.**

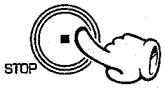
Blinks while recording



- Recording stops automatically when the end of one side of the tape is reached.
- When the side B of the tape is to be recorded next, reverse the tape in B deck and then repeat step 2.

To end recording





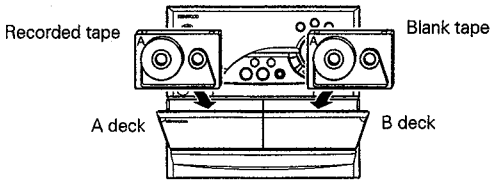
- When recording from a CD, the tape deck stops if the ■ key is pressed one time. The CD stops if it is pressed one more time.

Copying tape (Tape dubbing)

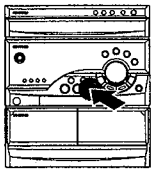
The contents of the tape in A deck can be copied onto the tape in B deck.

Preparation

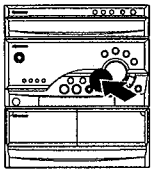
- Select the "**TAPE A**" input. →14
- Load tapes in both decks.



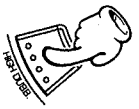
Start dubbing.



Normal recording



High-speed recording

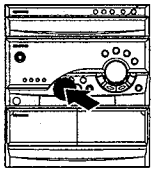


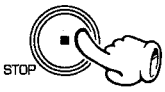
When normal recording is set:

When high-speed recording is set:

- Dubbing ends automatically when the end of one side of the tape is reached.
- When the side B of the tape is to be recorded next, reverse the tape in deck B and then repeat step "Start dubbing".

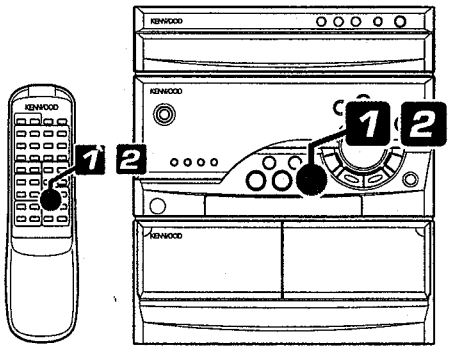
To stop dubbing





CD synchronized recording

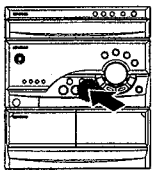
When the RECORDING key is pressed while the CD player is in the stop mode, recording of a CD can be started at the same time as playback.



Preparation

- Load a cassette tape in the B deck.
- Select the "**CD**" input.
- Insert discs in the CD player.

1 Start recording.



When side A of a tape ends during recording, the CD player will stop automatically at the playback track number that is displayed.

Synchronized recording can also be performed after a selection has been programmed. →10

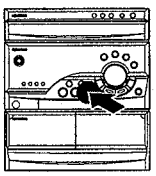
Blinks Blinks

- Select a mode other than random play.
- The CD playback will start approximately 4 seconds after the tape recording has started.
- Both the cassette deck and the CD player stop after all tracks of the CD have been played.

2 Recording the B-side of the tape.

❶ Reverse the tape in the B deck.

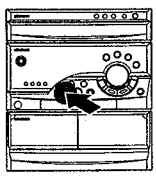
❷ Start recording.

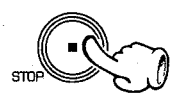


The recording of the side B starts from the beginning of the track interrupted at the end of side A.

- The CD playback will start approximately 4 seconds after the tape recording has started.

To end recording in the middle

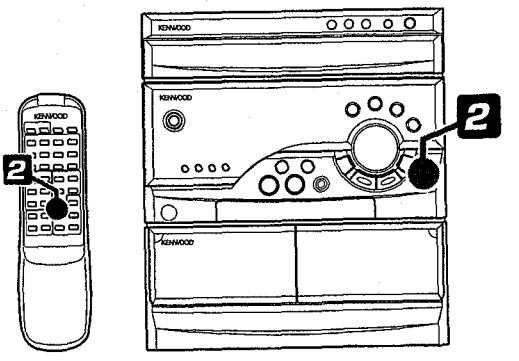




- Both the cassette deck and CD player stop.

Tone adjustment

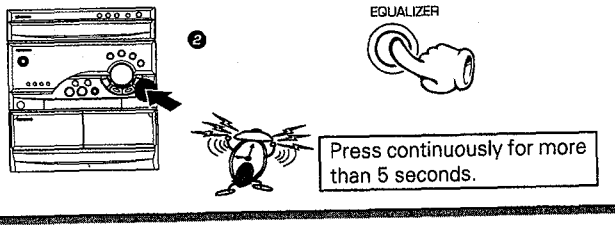
This system allows you to select three kinds of graphic equalizer patterns. Select the most suitable pattern for the style of music.

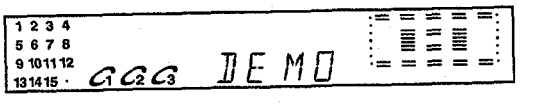


Demonstration

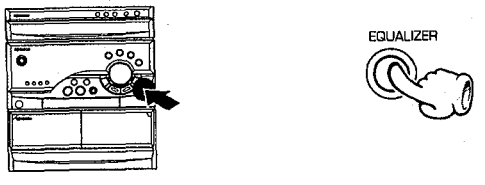
This feature applies various tone adjustment effects of the graphic equalizer in sequence with the sound. The display also changes as the applied effects change. Check out the tone adjustment effects both visually and aurally.

❶ Play some music.





To stop the demonstration

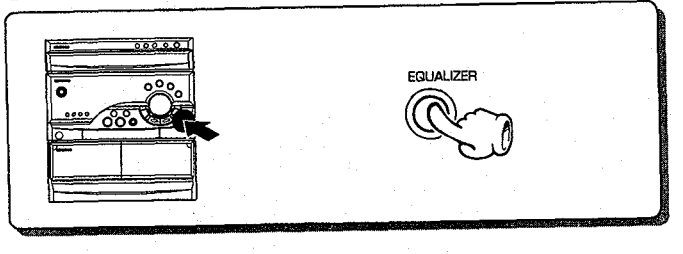


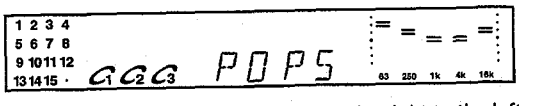
Playing music with the desired tone

The graphic equalizer patterns can be selected according to the genre of music played.

1 Play the desired music.

2 Select the music category.

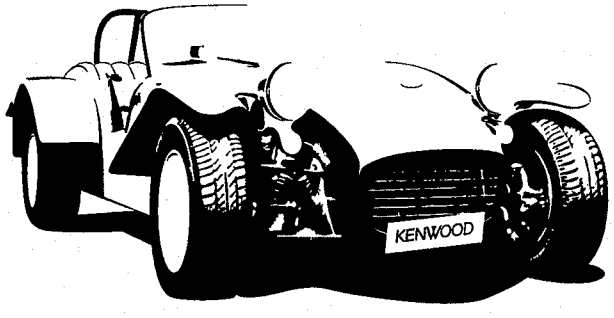




Display characters scroll from the right to the left.

Press repeatedly to select.

- ① ROCK (Rock)
- ② JAZZ (Jazz)
- ③ POPS (Popular)
- ④ OFF (Equalizer cancelled)


KENWOOD

Timer operation

Adjust the clock before setting the timer. →6

A 24-hour timer system (which can be used every day) and a sleep timer system (which works only once) are available. In the 24-hour timer system, the timer data including the operating period and played contents can be set and selected to be activated or not as required.

Timer playback, timer recording
With a either timer program, a selected source can be played (or radio broadcast can be recorded) in the previously set time period.

Sleep timer
The power is turned OFF automatically after the specified period has elapsed. →25

Timer programming

1 Make preparations for the play (recording).

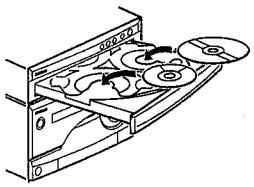
To listen:

- To listen to radio

The station should be preset prior to the above. →17

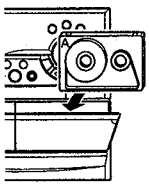
- To listen to CD

Insert discs.
(Program playback is not possible.)



- To listen to tape

Set a tape into B deck.



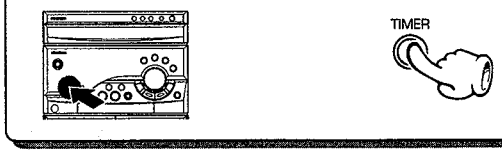
To record:

- For recording broadcast

The station should be preset prior to the above. →17

Make preparations for recording. →18

2 Select the desired schedule.



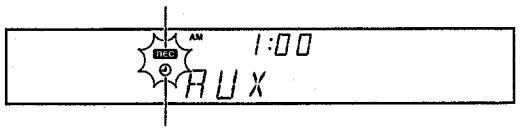
Go to step 3 within 5 sec.

If more than 5 seconds have elapsed, restart the procedure from step 2 .

Each press alternates the mode.

- ① **Timer playback:** ◴ **lights.**
- ② **Timer recording:** ◴ **REC light together.**
- ③ **Timer cancel:** ◴ **REC go off together.**

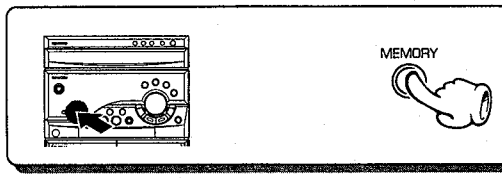
Lights while the timer recording is performed.



Lights while the timer (playback/record) is set.

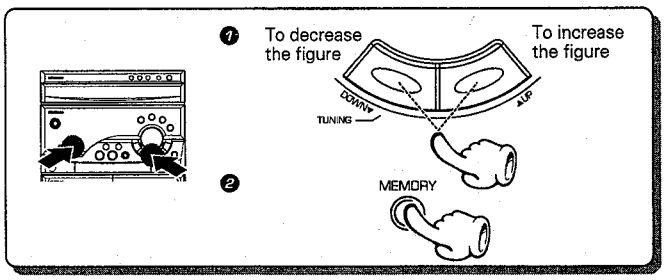
- The setting input, setting ON time, setting time from ON time to OFF time are displayed in order in 5 second intervals.

3 To set the timer setting mode:

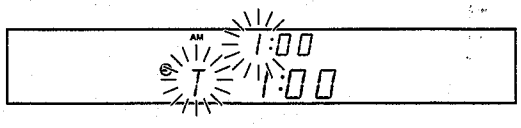


- Press the **MEMORY** key while the timer setting contents in step 2 are displayed.
- If a program No. under which a timer program has already been reserved, it is replaced by the new timer program.

4 Enter the ON time.

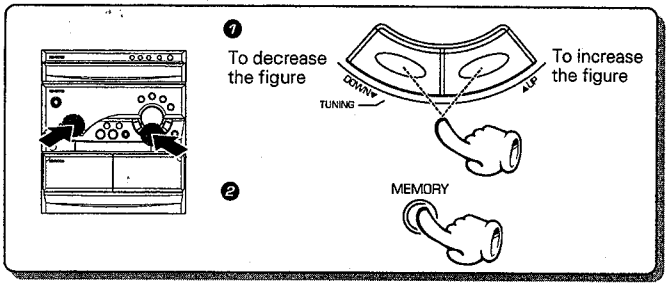


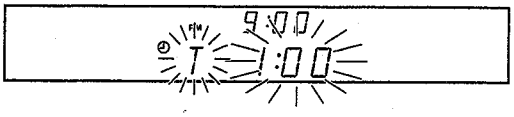
- After entering the figure of "hour" with the procedure in ❶ and ❷, enter the figure of "minute" using the same procedure.
- If you make a mistake, restart from step 2 .



To be continued next page

5 Set the time from the ON time setting to the OFF time setting.





- The time setting from the ON time to the OFF time can be set from a minimum of 1 minute to a maximum of 2 hours.
- If you make a mistake, restart from step 2.

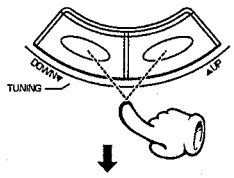
If the key is pressed continuously:
...2:00 ⇄ 1:55...1:00 ⇄ 0:55...5 ⇄ 2:00
If thekey is pressed consecutively:
...2:00 ⇄ 1:59...1:00 ⇄ 0:59...1 ⇄ 2:00

6 Make the desired reservation.

For timer playback

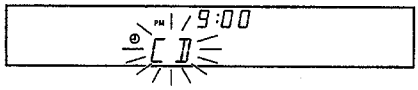
The ◴ displays will light.

❶ Select the input source.

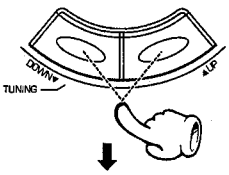


Select the source to be played.
(Each press switches the following).
- CD **(CD)**
- TUNER **(Broadcast)**
- TAPE **(Tape)**
- AUX **(External input)**

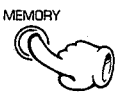
Enter it.



❷ Select the broadcast station (only when TUNER is selected above).



Select the preset station No.



Enter it.

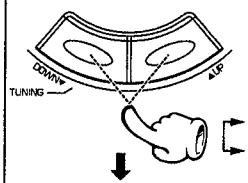
- The station to be received with timer must be preset beforehand. →17

Timer recording of radio broadcasts

The ◴ REC displays will light.

❶ Select the input source.

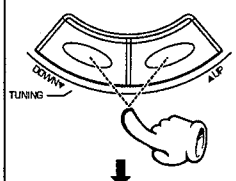
Select the input source that will be recorded. (Each press alternates them.)



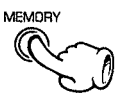
- TUNER **(Broadcast)**
- AUX **(External input)**

Enter it.

❷ Select the broadcast station (only when TUNER is selected above).

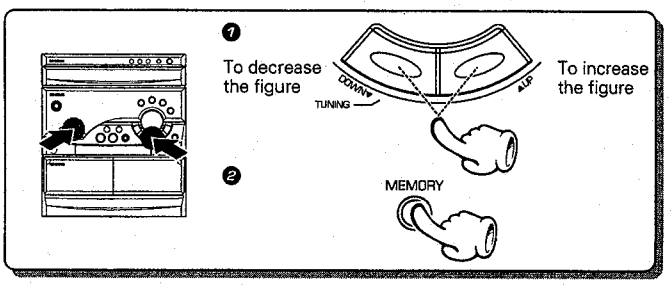


Select the preset station No.



Enter it.

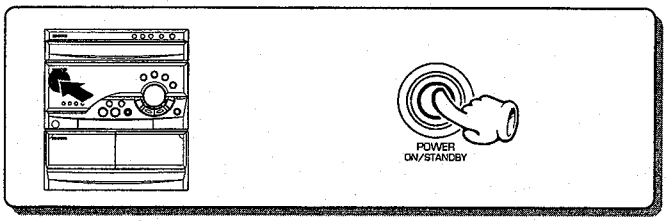
7 Adjust the listening volume.



- When the timer starts, the sound level will fade in and fade out from the sound level that was playing just before the timer setting was performed.
- Lower the sound level to the minimum level when setting the timer recording.

Fade in : The sound level gradually increases.
Fade out: The sound level gradually decreases.

8 Set the POWER switch to OFF (STANDBY) mode.



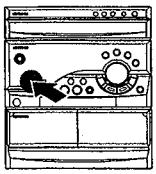
- After the settings are completed, the original display returns.

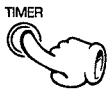
Note

The reservation contents cannot be cleared. The contents are cleared only when they are changed.

Check the reservation content.

Select the program to be checked.





Each press alternates the mode.

① Timer playback: ◴ lights.
② Timer recording: ◴ REC light together.
③ Timer cancel: ◴ REC go off together.

- The setting input, setting ON time, setting time from ON time to OFF time are displayed in order in 5 second intervals.

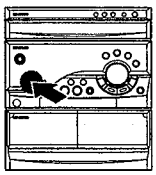
After verification, return to the setting made for the timer schedule.

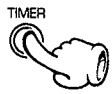
To change the reserved contents

Restart the procedure of "Timer programming" from the beginning.

When timer operation is not required

Press so that all timer indicators are OFF.





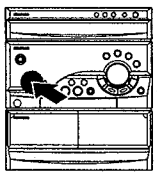
Each press alternates the mode.

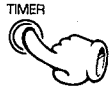
① Timer playback: ◴ lights.
② Timer recording: ◴ REC light together.
③ Timer cancel: ◴ REC go off together.

- The reservation contents are held in memory.

To set the same timer program again

Press so that the desired indicators lights.





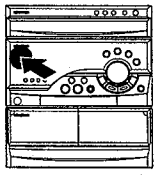
Each press alternates the mode.

① Timer playback: ◴ lights.
② Timer recording: ◴ REC light together.
③ Timer cancel: ◴ REC go off together.

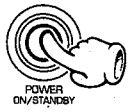
- The setting input, setting ON time, setting time from ON time to OFF time are displayed in order in 5 second intervals.
- Also prepare the disc or tape and adjust the listening volume.

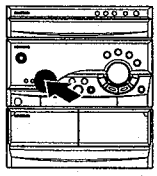
Sleep timer

Set the number of minutes after which the power is to be turned OFF.

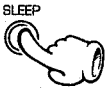


❶ Turn the power ON.

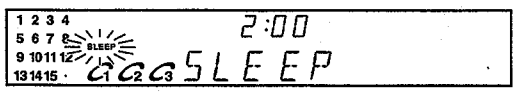




❷ Set the time.



Duration for sleep timer



- The power will go ON if the **SLEEP** key is pressed when the power is OFF.
- The power is turned OFF automatically after the set time has elapsed.
- The maximum time that can be set is 2 hours.

2:00→1:50→...1:00→50→...30→25→...5→4→...1→Cancel→2:00...

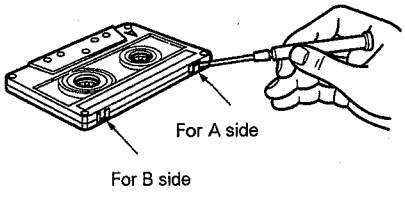
To cancel

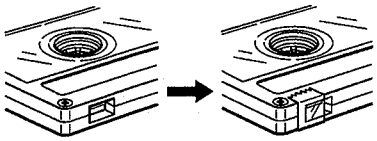
Turn the power OFF or press the **SLEEP** key until the sleep time is cancelled.

Maintenance

Notes on cassette tape

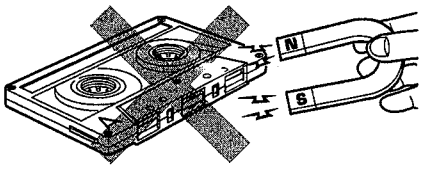
Safety tab (accidental erasure prevention tab)
After an important recording has been finished, break the safety tab, to prevent the recorded contents from being erased or recorded on accidentally.



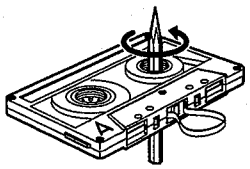


To re-record Apply tape only to the position where the tab has been removed.

To store cassette tapes
Do not store the tapes in a place which is subject to direct sunlight, or near equipment that generates heat. Keep the cassette tapes away from any magnetic field.



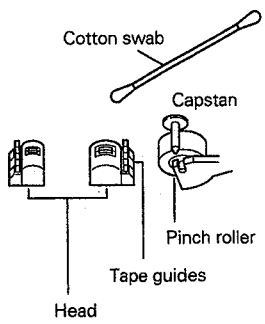
When there is slack in the tape
In such a case, insert a pencil into the reel hole and wind the reel hub to remove the slack.



Notes

1. 110/120-minute cassette tape
   Since a 110/120-minute cassette tape is very thin, the tape could adhere to the pinch roller or be easily broken. It is recommended that these tapes not be used with this unit to prevent possible damage.
2. Endless tapes
   Do not use an endless tape, as this could damage the mechanism of the unit.

Cleaning the head section



Cleaning the heads and peripheral components
For maintaining the best condition of the deck and for longer service life, always keep the heads (recording / playback / erase), capstan and pinch roller clean. To clean them, perform the following:

1. Open the cassette holder.
2. Using a cotton swab dipped in alcohol, clean the head (recording / playback / erase), capstan and pinch roller carefully.

Demagnetizing the head
When the recording / playback head is magnetized, the sound quality will deteriorate. In such a case, demagnetize the head using a commercially available demagnetizer (head eraser).

Note

There are precisely aligned parts around the heads, including the tape guides. When cleaning, pay special attention so as not to apply shock to them.

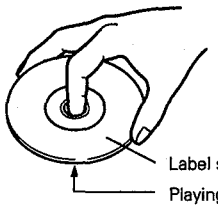
Beware of condensation

When water vapor comes into contact with the surface of a cold material, condensation is produced.
If condensation occurs, correct operation may not be possible, or the unit may not function correctly.
This is not a malfunction, however, and the unit should be dried-out. (To do this, turn the POWER switch ON and leave the unit as it is for several hours.)

Be especially careful in the following conditions:

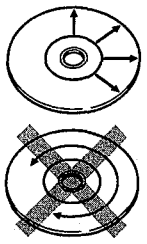
- When the unit is brought from a cold place to a warm place, and there is a large temperature difference.
- When a heater starts operating.
- When the unit is brought from an air-conditioned place to a place of high temperature with high humidity.
- When there is a large difference between the internal temperature of the unit and the ambient temperature, or in conditions where condensation occurs easily.

Disc handling precautions

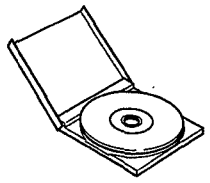


Handling
Hold compact discs so that you do not touch the playing surface.

Do not attach paper or tape to either the playing side or the label side of compact discs.

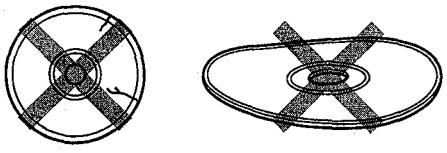


Cleaning
If fingerprints or foreign matter become attached to the disc, lightly wipe the disc with a soft cotton cloth (or similar) from the center of the disc outwards in a radial manner.



Storage
When a disc is not to be played for a long period of time, remove it from the CD player and store it in its case.

Caution on disc used



Never play cracked or warped disc.
During playback, the disc rotates at high speed in the player. Therefore, to avoid malfunction, never use a cracked or deformed disc or a disc repaired with tape or adhesive agent.

Discs which can be played with this unit

CD (12 cm, 8 cm), CDV (only the audio part)
• With CD-G (CD Graphics) discs, this unit can play only the audio.

When your unit needs to be repaired, bring the entire set (Speakers excluded) to your dealer.

WARNING NOTICE:

IN MOST CASES IT IS AN INFRINGEMENT OF COPYRIGHT TO MAKE COPIES OF TAPES OR DISCS WITHOUT THE PERMISSION OF THE COPYRIGHT OWNERS. ANYONE WISHING TO COPY COMMERCIALLY AVAILABLE TAPES OR DISC SHOULD CONTACT THE MECHANICAL COPYRIGHT PROTECTION SOCIETY LIMITED OR THE PERFORMING RIGHTS SOCIETY LIMITED.

Memory backup function

Stored contents which are cleared immediately when power plug is unplugged from power outlet	Clock display
Stored contents which are cleared in at least a day after power plug is unplugged from power outlet	**Amplifier** POWER status (ON or OFF) Input selection Volume control value **Tuner unit** Receiving band Frequency Preset stations Program settings

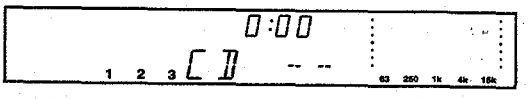
Note related to transportation and movement (CD player)

Before transporting or moving this unit, carry out the following operations.

1. Turn the power ON but do not load a disc.

• Press the **CD** key and then press ► key to check that no disc is present on the tray.

2. Wait a few seconds and verify that the display shown appears.



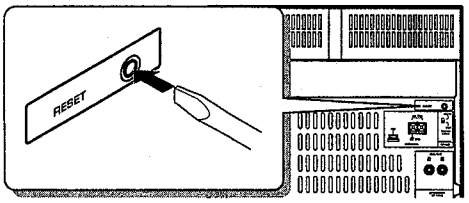
3. Turn the power OFF.

In case of difficulty

Operation to reset

The microcomputer may fall into malfunction (impossibility to operate, erroneous display, etc.) when the power cord is unplugged while power is ON or due to an external factor. In this case, execute the following procedure to reset the microcomputer and return it to normal condition.

❶ Turn the power switch OFF.
❷ Remove the AC cord from the outlet.
❸ Use a thin object to press the RESET key continuously for more than 10 seconds.



- Please note that resetting the microcomputer clears the contents stored in it returns it to condition when it left the factory.

Receiver unit, speakers

Symptom	Cause	Remedy
Sound is not produced.	• The speaker cords are disconnected. • The volume control is set to the minimum position. • The headphone plug is inserted into the jack.	• Connect properly referring to "System connection". • Adjust to an required volume. →7 • Unplug the headphone plug.
The character display blinks and sound is not produced.	• The speaker cords are short-circuited.	• Turn the power OFF, remove the short-circuit and turn the power ON again.
Sound is not produced from the left or right speakers.	• The speaker cords are disconnected.	• Connect properly referring to "System connection". →4
The clock display blinks without changing the figures.	• There was a power failure. • The power cord was unplugged from the outlet.	• Adjust the present time again. →6 • Adjust the present time again.
Timer operation is not possible.	• The present time has not been adjusted or there was a power failure. • The timer ON time and the time from the ON time to the OFF time have not been set. • The timer execution was not set up.	• Adjust the present time referring to "Clock adjustment". →6 • Set the timer ON time and the time from the ON time to the OFF time . →23 • Press the **TIMER** key to specify the execution. →23
Radio stations cannot be received.	• The antennas have not been connected. • A proper broadcasting band has not been selected. • The frequency of the station to be received is not tuned.	• Connect antennas. →4 • Select a band. →16 • Tune to the frequency of the desired station.
Noise interferes.	• Car ignition noise. • Influence of an electric appliance. • A TV set is installed near the system.	• Install the outdoor antenna in an apart position from the road. • Switch the suspected electric appliance OFF. • Install the TV or the system at an increased distance between them.
A station has been preset but it cannot be received by pressing the P.CALL key.	• The frequency of the preset station is not tunable. • The preset memory has been cleared because the power cord has been unplugged for a long period.	• Preset stations with tunable frequencies. • Preset stations again. →17

Notes

1. With some tapes, a squeaky noise is produced when the tape is stopped automatically. This is due to the tape protection function, and not a malfunction.
2. Do not use 120-minute tapes, for the tape is too thin and gets easily tangled.
3. Do not use contact cleaners because it could cause a malfunction. Be specially careful not to use contact cleaners containing oil, for they may deform the plastic component.

Remote control unit

Symptom	Cause	Remedy
Remote control operation is not possible.	• Batteries are exhausted. • The remote control is too far away from the system, the controlling angle is deviated or there is an obstacle in between. • There is no tape or CD set in the component to be played. • An attempt is made to play the cassette deck which is recording something.	• Replace with new batteries. →5 • Operate the unit inside the remote controllable range. →5 • Set a tape or CD in the component to be played. • Wait until the recording ends.

Cassette deck unit

Symptom	Cause	Remedy
Sound cannot be produced by pressing the play key or no operation occurs even when an operation key is pressed.	• The head is dirty. • The tape is wound too tight due to irregular winding. • A nonrecorded tape is played.	• Clean the head referring to "Maintenance". →26 • Try another tape. • Play a recorded tape.
No operation occurs even when an operation key is pressed.	• The cassette holder is not closed completely. • The operation key is pressed immediately after closing the cassette holder. • The operation key is pressed in less than 4 seconds after turning the power ON. • A tape is not inserted in the unit. • The tape is wound too tight due to irregular winding. • The tape is fully wound to one of the reels.	• Close the holder completely. • Press operations keys in more than a few seconds after closing the holder. • Press operation keys after waiting for more than 4 seconds. • Insert a tape. • Try another tape. • Reverse the tape insertion orientation.
In dubbing, the tape stops at different moments in decks A and B.	• This is due to the difference in the tape length or characteristics of the mechanisms of two cassette decks.	• Small time difference does not mean a malfunction.
The cassette holder cannot be opened.	• The holder is going to be opened during recording or playback.	• Open the holder in stop mode.
Sound is harsh or high frequencies are not reproduced.	• The head is dirty. • The tape is stretched or shrunk.	• Clean the head referring to "Maintenance". →26 • Try another tape.
Sound is distorted.	• The tape being played was recorded with distorted sound.	• Try another tape.
Noise is noticeable.	• The tape head is magnetized. • External noise is induced.	• Demagnetize the head referring to "Maintenance". →26 • Install the system at a distance from other electric appliances and TV.
Sound vibrates.	• The capstans or pinch rollers are dirty. • The tape is wound irregularly.	• Clean the head referring to "Maintenance". →26 • Wind the tape again by fast forwarding, rewinding or playing from an end to the other.
Recording cannot be started by pressing the record key.	• The recording protect tab of the cassette has been broken. • The cassette holder is not closed completely. • The **TAPE** input is selected except for tape copying. • The tape is fully wound to one of the reels.	• Use a cassette with an unbroken recording protect tab or block the hole. • Close the holder completely. • Select the source to be recorded with the input selector key. • Reverse the tape insertion orientation.

CD player unit

A CD is placed in the player but it cannot be played.	• The disc is placed upside down. • The disc position is displaced. • The disc is extremely dirty. • The disc is scratched. • Dew is condensed on the optics lens.	• Place the disc properly, with the label side facing upward. • Place the disc properly. • Clean the disc referring to "Disc handling precautions". →27 • Try another disc. • Refer to "Beware of condensation" and remove the condensation by evaporation. →26
Sound is not produced.	• The disc has not been placed. • The player is not put to the play mode. • The disc is extremely dirty. • The disc is scratched.	• Place a disc in the CD player. • Press the **CD** key and then press ► key. • Clean the disc referring to "Disc handling precautions". →27 • Try another disc.
Sound skips.	• The disc is dirty. • The disc is scratched. • The player is subject to vibration.	• Clean the disc referring to "Disc handling precautions". →27 • Try another disc. • Install the unit in a place not subject to vibrations.

The marking of products using lasers (Except for some areas)

CLASS 1 LASER PRODUCT

The marking is located on the rear panel and says that the component uses laser beams that have been classified as Class 1. It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.

For the U.S.A.

Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

For the U.S.A.

CAUTION:

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD CORPORATION
2967-3, ISHIKAWA-CHO,
HACHIOJI-SHI,
TOKYO, JAPAN

KENWOOD CORP. CERTIFIES THIS EQUIPMENT CONFORMS TO DHHS REGULATIONS NO. 21 CFR 1040.10, CHAPTER I, SUBCHAPTER J.

Location: Back Panel

For the U.S.A.

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one *or more of the following measures:*

-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio / TV technician for help.

Specifications (For U.K. and Europe)

Main unit (RXD-G2)

Amplifier section

Rated power output

36 watts per channel minimum RMS, both channels driven, at 8 Ω, 1 kHz with no more than 5 % total harmonic distortion.

(DIN) 1 kHz at 8 Ω, 0.7% T.H.D. ..... 32 W + 32 W

Input sensitivity / Impedance

AUX/MD ..... 500 mV / 27 kΩ

Signal to noise ratio

AUX/MD ..... 82 dB (IHF'66)

FM Tuner section

Tuning frequency range ..... 87.5 MHz ~ 108 MHz

Sensitivity (DIN at 75 Ω)

MONO ..... 1.7 µV/15.8 dBf

MW Tuner section

Tuning frequency range ..... 522 kHz ~ 1,620 kHz

Usable sensitivity ..... 12 µV / (500 µV / m)

Cassette deck section

Track ..... 4-track, 2-channel stereo

Recording system ..... AC bias system (Frequency: 80 kHz)

Heads

A deck	Playback head	1
B deck	Playback / recording head	1
	Erasing head	1

Motors 1

Fast winding time ..... Approx. 130 seconds (C-60 tape)

CD player section

Laser ..... Semiconductor laser

Playing rotation ..... 200 rpm ~ 500 rpm (CLV)

Wow & Flutter ..... Unmeasurable Limit

General

Power consumption ..... 90 W

Dimensions ..... W: 270 mm
H: 304 mm
D: 360 mm

Weight (net) ..... 7.0 kg

Speakers (LS-G2)

Enclosure ..... Bass-reflex type

Speaker configuration ..... 2-Way system

Woofer ..... 130 mm, cone type

Tweeter ..... 50 mm, cone type

Impedance ..... 8 Ω

Maximum input level ..... 45 W

General

Dimensions ..... W: 180 mm
H: 305 mm
D: 235 mm

Weight (net) ..... 2.7 kg (1 piece)

Note KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Specifications (For other countries)

Main unit (RXD-G2)

Amplifier section

Rated power output

40 watts per channel minimum RMS, both channels driven, at 8 Ω, 1 kHz with no more than 10 % total harmonic distortion.

Input sensitivity / Impedance
- AUX/MD ..... 500 mV / 27 kΩ

Signal to noise ratio
- AUX/MD ..... 82 dB (IHF'66)

FM Tuner section

Tuning frequency range ..... 87.5 MHz ~ 108 MHz
Sensitivity (IHF) ..... 17.2 dBf (2.0 µV at 75 Ω)

AM Tuner section

Tuning frequency range
- 9 kHz step ..... 531 kHz ~ 1,602 kHz
- 10 kHz step ..... 530 kHz ~ 1,620 kHz

Usable sensitivity ..... 12 µV / (500 µV / m)

Cassette deck section

Track ..... 4-track, 2-channel stereo
Recording system ..... AC bias system (Frequency: 80 kHz)

Heads

A deck	Playback head	1
B deck	Playback / recording head	1
	Erasing head	1

Motors 1
Fast winding time ..... Approx. 130 seconds (C-60 tape)

CD player section

Laser ..... Semiconductor laser
Playing rotation ..... 200 rpm ~ 500 rpm (CLV)
Wow & Flutter ..... Unmeasurable Limit

General

Power consumption ..... 90 W
Dimensions ..... W: 270 mm (10-5/8")
H: 304 mm (11-15/16")
D: 360 mm (14-3/16")
Weight (net) ..... 7.0 kg (15.4 lb)

Speakers (LS-G2)

Enclosure ..... Bass-reflex type
Speaker configuration ..... 2-Way system
- Woofer ..... 130 mm, cone type
- Tweeter ..... 50 mm, cone type

Impedance ..... 8 Ω
Maximum input level ..... 45 W

General

Dimensions ..... W: 180 mm (7-1/16")
H: 305 mm (12")
D: 235 mm (9-1/4")
Weight (net) ..... 2.7 kg (5.9 lb) (1 piece)

KENWOOD

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your dealer for information or service on the product.

Model _____ Serial Number _____

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